

INTERNATIONAL SEARCH REPORT

Intern application No
PCT/28 03/03499

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04R3/00 H04R27/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04R H01Q G10K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 69968 A (ZUEZHANG HOU ;AUDIA TECHNOLOGY INC (US)) 20 September 2001 (2001-09-20) page 1, line 28-32	1,4-6
Y	page 3, line 11-20	2
A	page 8, line 11 -page 11, line 13 page 12, line 30 -page 15, line 4	3
Y	WO 95 34983 A (NORDHCLM SVEN ;CLAESSON INGVAR (SE); NORDEBO SVEN (SE); VOLVO AB) () 21 December 1995 (1995-12-21) page 2, line 22 -page 3, line 5	2
A	page 3, line 28 -page 8, line 24	3
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

18 November 2003

Date of mailing of the international search report

02/12/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 1995, no. 08, 29 September 1995 (1995-09-29) -& JP 07 131886 A (MATSUSHITA ELECTRIC IND CO LTD), 19 May 1995 (1995-05-19) abstract</p> <p>-----</p>	1-6

INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/15 03/03499

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0169968	A	20-09-2001	AU 4574001 A	24-09-2001
			CN 1418448 T	14-05-2003
			DE 10195933 T0	30-04-2003
			JP 2003527012 T	09-09-2003
			WO 0169968 A2	20-09-2001
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			AU 2759495 A	05-01-1996
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			JP 10501668 T	10-02-1998
			SE 9402088 A	15-12-1995
			WO 9534983 A1	21-12-1995
JP 07131886	A	19-05-1995	JP 3146804 B2	19-03-2001

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